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PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

LARRY J. BUCHANAN ET AL.

Serial No.: 10/727,454

Filed: September 17, 2003

Title: "METHOD OF OPTIMIZING  
PRODUCTION OF GAS FROM  
SUBTERRANEAN FORMATIONS"§  
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Group Art Unit: 3676

Examiner: BRYAN A. FULLER

Atty. Docket No: HES 2003-IP-010346U1

MAIL STOP AF  
Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## CERTIFICATE OF MAILING VIA EXPRESS MAIL

PURSUANT TO 37 C.F.R. § 1.10, I HEREBY CERTIFY THAT I HAVE  
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Tammy Knight February 2, 2006

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RESPONSE UNDER 37 C.F.R. §1.116 TO FINAL OFFICE ACTION  
EXPEDITED PROCEDURE  
EXAMINING GROUP 3676

Dear Sir:

In response to the Final Office Action mailed December 6, 2005, Applicants respectfully submit the following remarks and amendments set forth below and request favorable action thereon.

Because this response has been filed within two months of when the Final Office Action was issued, Applicants respectfully request that the Examiner issue an advisory action if the Examiner does not find the claims to be allowable in light of the remarks, etc. made herein.